

MINING APPLICATION  
NO. \_\_\_\_\_

Date \_\_\_\_\_



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116

MINING AND RECLAMATION PLAN

(Other forms may be used in lieu of MR 2, provided  
they contain the same information)

1. Name of Applicant or Company Wilford H Hansen Stone Quarries Inc.
2. Proposed type of operation Open Pit Building Stone mine
3. (a) Prior Land Use(s) Grazing  
(b) Current Land Use(s) mining + Grazing  
(c) Possible or Prospective Future Land Use(s) Grazing
4. What vegetation exists on the land proposed to be affected Black Brush  
Ephedra, Cactus, Scattered Minor Bunch Grass  
(a) Types and Estimated Percent cover or density: < 10%
5. What is the pH range of soil before mining? 7-8 EST pH  
Name of Person or Agency and method of determining pH Div of Oil Gas + Mining
6. Site elevation above sea level 2940 - 2960
7. In case of coal, oil shale, and bituminous sandstone:  
Principal seam(s) and thickness(es) N.A.
8. Estimated duration of mining operations 10 Years
9. Has overburden, waste or rejected materials been classified as acid or alkali producing? ( ) Yes (X) No  
Does the above material being moved have any other characteristics affecting revegetation? NO
10. Will any underground workings or aquifers be encountered? ( ) Yes (X) No  
Describe \_\_\_\_\_  
Is there an active discharge of water from abandoned deep mines on or crossing the land affected? ( ) Yes (X) No If yes, describe the quality of water being discharged. \_\_\_\_\_

11. Describe specifically a detailed procedure for:
- The mining sequence
  - The procedure for constructing and maintaining access roads, to include a typical cross-section and a profile of the proposed road grades.
  - The procedure for site preparation including removing trees and brush.
  - The method for removing and stockpiling topsoil or disturbed materials.
  - The method for the placement or containment of all disturbed materials, to include the method for handling of all acid or alkali-producing and toxic materials.
  - A procedure for final stabilization of disturbed materials.

#### GRADING AND REGRADING

Specifically describe:

- Typical cross-section of regrading.
- The method of spreading topsoil or upper horizon material on the regraded area and indicate the approximate thickness of the final surfacing material.
- What type of soil treatment will be utilized.
- The method of drainage control for the final regraded area.
- Maximum grading slope.

#### TESTING

1. Describe method for testing stability of reclamation fill material.

Not Required due to gentle slopes  
Describe method for the testing of soil that is intended to support vegetation  
not required 'see c' above

2. Describe any soil treatment employed as an aid to revegetation \_\_\_\_\_

none Planned

3. Describe surface preparation of areas intended to support vegetation:

Will Scarface of Compacted Pad and short  
access Road prior to Seeding.

#### REVEGETATION

1. Revegetation to be completed by:

☒ Operator  
☐ Soil Conservation District  
☐ Private Contractor  
☐ Other (specify) \_\_\_\_\_

☐ Hydroseeding  
☐ Aerial Seeding  
☐ Conventional or Rangeland Drill  
☒ Broadcast and Drag  
☐ Other \_\_\_\_\_

2. Will Mulch be used? ( ) Yes (X) No

Type: \_\_\_\_\_ Rate/Acre \_\_\_\_\_ lbs.

3. Revegetation Plan and Schedule -

Species	Rate/ Acre	Planting Location	Facing N-S-E-W	Season to be replanted
Sand dropseed	2 lbs	all	all	Fall
Indian Ricegrass	1 lbs	all	all	Fall
Prested Wheat	2 lbs	all	all	Fall

4. Will affected area be subject to livestock or wildlife grazing?

( ) Yes ( ) No Will vegetation protection be needed? \_\_\_\_\_

5. Will irrigation be used: ( ) Yes (X) No Type \_\_\_\_\_

6. Describe maintenance procedures for revegetation if needed, until surety release is granted.

Replanting in fall if needed

STATE OF Utah

COUNTY OF Salt Lake

I, Bruce L. Hansen, having been duly sworn  
depose and attest that all of the representations contained in the foregoing  
application are true to the best of my knowledge; that I am authorized to  
complete and file this application on behalf of the Applicant and this  
application has been executed as required by law.

Signed: Bruce L. Hansen

Taken, subscribed and sworn to before me the undersigned authority  
in my said county, this 14th day of Feb, 1978.

Notary Public: Douglas L. Ray

My Commission Expires: July 9, 1979

PLEASE NOTE:

Section 40-8-13(2) of the Mined Land Reclamation Act provides as  
follows:

"Information relating to the location, size, or nature  
of the deposit and marked confidential by the operator,  
shall be protected as confidential information by the  
Board and the Division and not be a matter of public  
record in the absence of a written release from the  
operator, or until the mining operation has been  
terminated as provided in subsection (2) of section  
40-8-21."

Is confidential information contained herein?

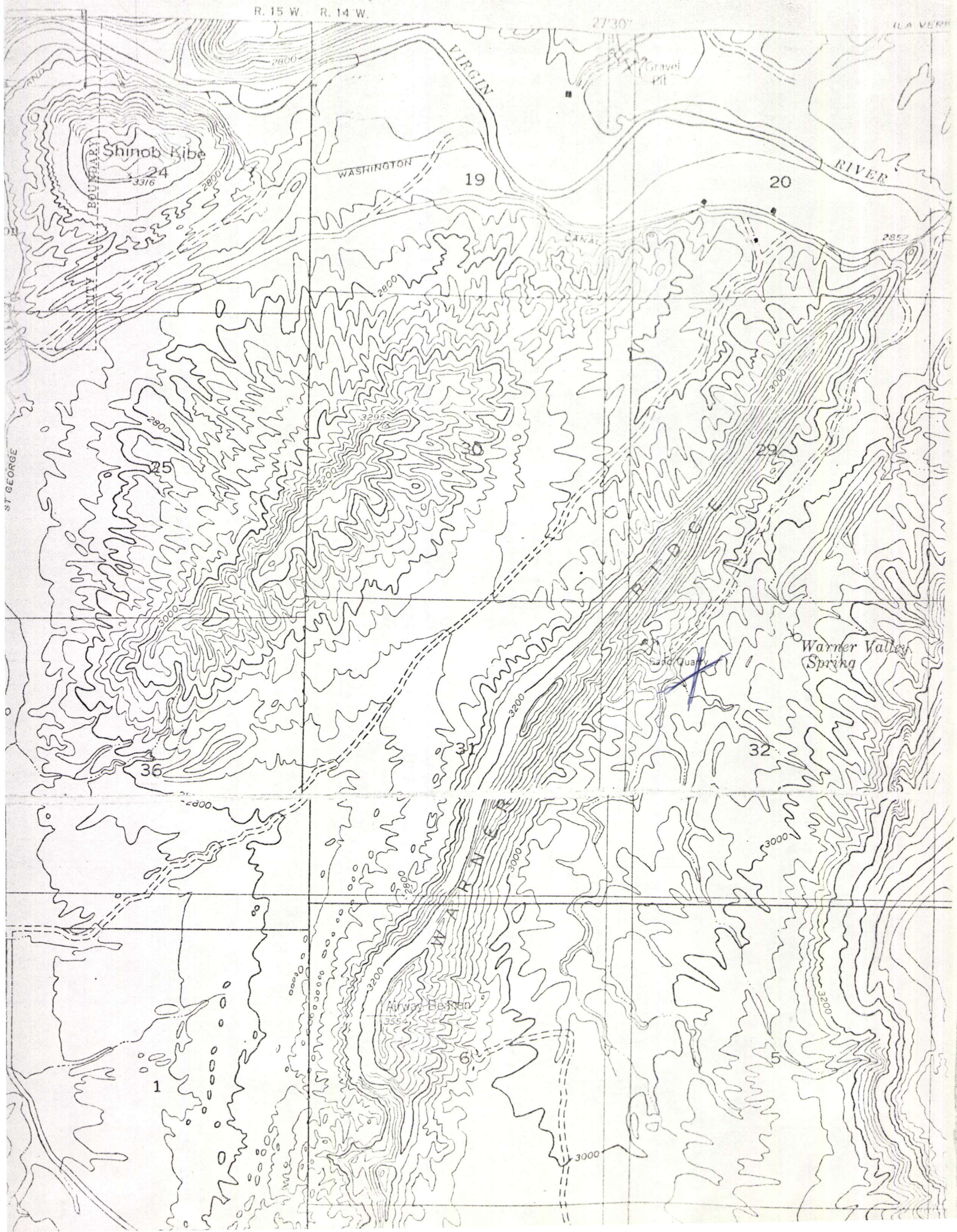
YES \_\_\_\_\_ (Initial)

NO \_\_\_\_\_ (Initial)

Sections desired to be maintained as confidential information -

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY





WILFORD H. HANSEN

WHOLESALE AND RETAIL

Stone Quarries

ESTABLISHED 1931

BUILDING STONE • FLAGSTONE  
STEPS • COPEINGS

PHONE MIDVALE 146  
215 WEST FIFTH SOUTH  
SANDY, UTAH

- 11-A Strike of a flat pad at base of outcrop, Move in equipment which includes a portable compressor, Jack Hammers, Winch Truck, Front end Loader. We will cut Stone Blocks and Haul them to Sandy, Utah. Waste Stone shall be buried in adjacent Hollow spots and buried with existing Soil.
- 11-B Will use existing County road & unmaintained dirt road which extends up dry creek bed to within 200 yards of mine area. Will construct a Road from Creek to mine which will have a average grade of about 5%.
- 11-C No Preparation will be needed other than described in 'A' above.
- 11-D No top Soil exists area to be mined is Bare Rock Outcrop.
- 11-E N/A.
- 11-F Highwall will be left as abandoned since surrounding Cliffs will blend with Highwall will strike off Pad edges & Cover West Rock.



WILFORD H. HANSEN

WHOLESALE AND RETAIL

Stone Quarries  
ESTABLISHED 1931

BUILDING STONE • FLAGSTONE  
STEPS • COPEINGS

PHONE MIDVALE 146  
215 WEST FIFTH SOUTH  
SANDY, UTAH

Grading & Regrading

a 

before	Rock face	after	Rock face
pad		pad	

B No Top Soil is available. Will cover west Rock with existing surrounding Clay & Sand to a depth of about 12".

C None will be used due to lack of Soil Fertility in natural Soil around the mine.

D. None needed because back of drainage area above disturbed area. No live streams exist near this site.

E 10%